

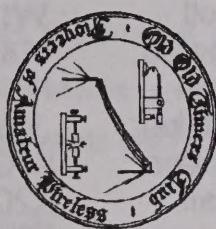
SPARK GAP TIMES

The Old Old Timers Club, Inc.

3191 Darvany Dr. Dallas TX 75220-1611 U.S.A.

OOTC Home page <http://www.ticnet.com/ootc/>

Volume 35 No. 3 \$2.50



JULY 1998

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Do you want the changes recorded since the 1997 Roster printing?

Receive all changes up to the time your request is received.

Send 55 cent S.A.S.E. to OOTC, 3191 Darvany Dr. Dallas TX 75220-1611

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MARCH, APRIL and MAY, 1998

W1GAY

KA1HR

W1UQ

W7RWB

W0IKT

OOTC

Founded, 1947

Incorporated

Rhode Island, 1966

**SPARK GAP TIMES**

JOURNAL OF THE OLD OLD TIMER'S CLUB

VOLUME 35 No. 3 JULY 1998

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REGISTERED AGENT

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WWII COUNTERMEASURES

By Robert L. Watters, SR. W9SAD, #3204

Most of the stories we hear of WW2 relate to the heroic efforts on land, sea, and water. There was another part of the war called "countermeasures" that I thought some of you might like to hear about.

I was in the countermeasures effort connected with the European Theater. In the world of countermeasures, we paid particular attention to some of the technical details of how Nazi radar worked and how they detected and reacted to our own radar. The Nazi radar dish was 24 feet in diameter and they were mounted along the European North Atlantic Coast. The Nazi would try to track incoming airplanes and surface vessels with this array of dishes.

There were a couple of ways to confuse the type of sweeping radar the Nazis used. One was to produce electronic noise tailored especially to match the Nazi radar frequency band. Synthesizing and broadcasting "good quality" noise was not as easy as it may sound, but the problem was solved and the magnetron was used to broadcast the signal. By the way, the magnetron was invented about 1921 by Dr. Albert W. Hull. (He was my boss during the war years.) The first magnetron worked at low frequencies, so it had to be modified to work in the 500 - 530 mHz range of the Nazi radar. It was also important to increase its output power. Eventually 50kW was achieved. Almost everyone of you probably has a magnetron. It's the heart of your microwave oven.

So what kind of things could you do to Nazi radar with this device? Broadcasting false signals every now and then made it appear as if all the ships and planes in the world were headed for continental Europe. This type of "crying wolf" was used in the hopes of reducing the Nazi readiness response for the time when all those "blips" would really be our invasion force. Noise broadcasts just filled their screens with a curtain of light that effectively hid our real invasion.

Many of you may have heard about the dropping of radar "chaff". This material, which was dropped during around-the-clock bombing, was made from specifically shaped and sized corrugated aluminum to confuse the radar. A friend of mine from Holland told me that the airplanes were so thick in the sky that birds would not even fly.

Some other tricks you could do with the magnetron was pulse back a radar signal. When the Nazi radar would sweep back and forth, you could send back a strong signal from one side and a weak signal from the other. This would make the target appear to be coming from a different direction than it actually was.

Another trick I was not involved in, but heard about, had to do with fooling low-flying Nazi planes coming across the English Channel. When flying very low across the water, you can't watch the water, you have to watch the altimeter. Somehow we were able to make the Nazi airplane altimeters read too high. It must have been quite a sight to see their planes plow into the channel for no apparent reason as they came across.

Maybe some of you remember what a problem the Nazi submarines were off the east coast of the U.S. U-boats had to surface at night to charge batteries. Our own pilots learned to adjust their search radar so that when they detected a U-boat, they would slowly decrease the search radar power so the Nazis would think they hadn't been seen. This would give us the chance to get close enough to shoot at the U-boat before it had a chance to realize the mistake. So thanks for the stories from all you guys who put on the uniform. I hope you know that we tried and used every technical trick we could think of to help you get the job done. 73- Bob.

LELAND SMITH, W5KL, OOTC PRESIDENT

As I grow older I am having the same problem so many senior citizens have (and perhaps a few of you) and that is recalling what happened yesterday is becoming more difficult than remembering what happened thirty or more years ago. This is not as bad as it sounds. If I could not recall some of the happier moments in my 68 years as an amateur, I would be missing a lot of pleasant memories.

Some of you remember the days when hams visited each other to see what kind of equipment was being used. Every ham shack was different. Receivers and transmitters were almost always homebrew and one rarely found two alike. Many of us in those days took pride in demonstrating how long an arc we could draw from the hot end of the oscillator or amplifier tank coil with the antenna decoupled. Initially, I used a sharpened lead pencil to draw the arc. After acquiring a UX203A (for you transistor-era members, this was a big fifty watt tube) I found that a discarded carbon rod from the ARC projector at the local theater was much better for demonstrating the size and length of the RF arc that could be drawn from the amplifier tank coil.

I was not unmindful of the danger of drawing arcs from the hot end of the tank coil because most of us were still using series fed circuitry and were aware that the plate voltage was present on the tank coil. After a few meaningful electrical shocks, I changed the plate circuit over to shunt feed so no plate voltage appeared on the coil. For those first licensed in the post WWII years, transmitters in the early days were usually breadboard mounted and were not enclosed. To make matters even more lethal, chemical rectifiers with their fruit jars and lead and aluminum plate connections were all exposed. Luckily for me and lots of others we were not electrocuted! The only way I can demonstrate if my transmitter is putting out RF now is to answer a CQ and hope for a good signal report!



Perhaps some of you would like to share your earlier experiences in ham radio. If so, send your stories to Bert Wells for possible inclusion in SGT. 73

A handwritten signature in cursive script that reads "Leland Smith". Below the name, in smaller print, is "PRESIDENT" and "W5KL".

OOTC MEMBERSHIP SUPPLIES AVAILABLE FOR PURCHASE

OOTC BADGE - SEE INSIDE BACK COVER

OOTC JACKET PATCH - \$5.00

(prices include postage)

126 MEMBERSHIP STAMPS \$3.00

OOTC 3" DIA. MYLAR ROUND STICKER (BLACK ON GOLD) - \$1.00

OOTC PIN (STANDARD NO YEAR, 50 YEAR, 60 YEAR, 70 YEAR) - \$3.50

NOMINATIONS NEEDED

NOMINATIONS ARE NOW IN ORDER TO FILL THE DIRECTOR SEATS FOR DISTRICTS 1, 3, 5, 7 AND 9, TO SERVE 1999 AND 2000. NOMINATIONS CLOSE ON SEPT. 30.

DISTRICT 1 - Morton L. Bardfield, W1UQ, #3027 has been nominated and endorsed.

DISTRICT 3 - Paul Gerbracht, W3QPP, #2850 has been nominated and endorsed.

DISTRICT 5 -

DISTRICT 7 -

DISTRICT 9 - Edwin M. G. Webb, W9IPO, #2320 has been nominated and endorsed.

INCUMBENTS ARE:

DISTRICT 5 - LELAND SMITH W5KL. DISTRICT 7 - JOHN TRENT KL7DG.



Licensed at least 25 years ago ?

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Quarter Century Wireless Association**

For information write :

159 E. 16th Ave

Eugene, OR 97401-4017

OLD TIMERS NEVER REALLY DIE

If you ever wondered why,

Do Old Timers ever really die?

When He calls they just QSY,

To His OT's shack up there in the sky.

Larry Amann, K5TQN, 1CLM-1925
#3068

OOTC WEB PAGES

The OOTC internet home pages contain a complete listing of OOTC silent keys. An index of members last names and also an index of call letter zones makes it easy to search. Members who have not been reported SK are listed in the same manner. If you have internet access go to URL: <http://www.ticnet.com/ootc/>

There is a list of Silent Keys reported since the last issue of Spark Gap Times and a list of OOTC members who have e-mail addresses. Check it out! Comments appreciated.

I hope to put the member pictures that HQ has in the home page. The process will be slow, but may in some small way, take the place of the "Blue Book" of earlier years. If you want a better photo than was sent with your application, send me a new one. If you didn't send a picture with your application, send one to OOTC, 3191 Darvany Dr. Dallas TX 75220-1611 (The photos will be accessed by clicking on the word "Photo" by each member's listing.)

73, Bert, W5JNK

21ST CENTURY CLUB

Join us at our world-wide QSO parties scheduled for 0001UTC 1-1-2000 and 1-1-2001

Three new members have joined during April, May and June.

#177 N3NN, #178 KC5TK #179 KD1XA

ARRL "BEST FIST" AWARD RECEIVED BY W5KL

OOTC President, Leland Smith, W5KL, has achieved "Best Fist" in the 1997 ARRL International Straight Key Night Contest.

OOTC QSO PARTY SCHEDULED FOR OCTOBER

The Directors have confirmed a annual "QSO PARTY" to be held in October. Look for details on page 8 of this issue and in the next (October) issue of Spark Gap Times.

European Chapter - Tuesdays only

CW 7:00 UTC 3535 kHz - NCS HB9T

SSB 7:30 UTC 3632 kHz - NCS DJ5ND

SSB 10:00 UTC 7092 kHz - NCS DL2XB

SSB 16:00 UTC 14280 kHz - NCS DL7PH

CW 17:30 UTC 3553 kHz - NCS DL1MEB

U. S.

DFW Metroplex Wednesday, 0900 local on 7198 kHz with W5JNK as NCS

Arizona Chapter: Tuesday, 1600 local on 3913 kHz with KJ7KL as NCS

Northeastern: Thursday, 1400 local on 7230 kHz with W2EEQ as NCS

Southern Cal: Tuesday, 1630 local on 3917 kHz with W6NKE as NCS

E. TN & S.W. VA: Sunday, 9:00PM Eastern Local Time (Repeater) 146.16-76

National CW: Friday, 1700 UTC on 14050 kHz with W8CCN as NCS

THE "FOUNDERS DAY" QSO PARTY OCTOBER 1998

OOTC was founded in Mid-October of 1947 by Bert Ingalls, W1NQ, to bring together some of his long lost buddies, many friends & acquaintances.

After the 50th anniversary party last year, many suggested we do it again. So, let's have yearly QSO's with as many other OOTC members as possible.

WHEN: 00:00 UTC October 18, 1998 until 00:00 UTC October 20, 1998

SUGGESTED FREQUENCIES: 21,050-21,060, 14,050-14,060, 7,050-7,060, 3,550-3,560, and any other frequencies PHONE, CW OR OTHER MODES.

Use the magic letters "OOTC" when making calls and have FUN.

I promised certificates to all who participated last year, I will send them, I have not forgotten, just running very late! Bert, W5JNK, Secretary OOTC.

To give us an idea of the participation this year

SEND YOUR 1998 REPORT OF QSO'S TO:

BILL MILLER, K2GCE, CHAIRMAN,

217 PORTERFIELD PL., FREEPORT, NY 11520-3116

AS THE NUMBER OF BONA-FIDE SPARK USERS DECREASES

In 1941-1945 time frame while working as an FCC inspector in NY harbor, it was standard practice to test the lifeboat emergency SPARK transmitters on foreign passenger ships by contacting the nearest coast station. During that period, these ships were used for transporting troops. U.S. ships had already converted to tube transmitters which didn't always survive when subject to enemy action.

73/Hugh W3ABC



Society



of Wireless Pioneers

THE INTERNATIONAL ORGANIZATION
OF PROFESSIONAL RADIO TELEGRAPHERS

P.O. Box 86
Geyserville, CA 95441-0086

SERGEANT R. HORN, W5IB, #1968

I received my first call W7FTU, Salem OR May 1936 and on the air with a 45 Hartley and homebrew 24 and 27 bloopers. I soon graduated to a SW-3 and a 47 and parallel 46's. One day on 40, a local "big gun" (ran 750 watts) called me and said he couldn't understand why I could work stations he couldn't hear. Think he was using a superhet, one of those new-fangled Hallicrafters. I was young and inexperienced. Didn't realize that once the signal is detected all additional stages add tube generated noise and in the case of superhets, superheterodyne hiss, images, birdies, etc. I sometimes think my best DX (listening) was hearing XER, old Dr. Brinkley's BC station in Villa Acuna, Mexico on my crystal set. That galena crystal detector was great into Brandes headphones! As a 10 year old kid I started to learn code by copying KEK's 500 cycle MCW signal. I got a copy of the code out of the local library.

I enlisted in the Army Air Corps January 1940. Was a code instructor at Scott Field & Chicago until they sent me to Communication Cadets at Yale. My boss on Dec 7th '41 at Scott was in charge of the training at Yale. He called for all his old GI instructors. Commissioned in June '43 went to Radar at Boca Raton FL. Ended up being assigned to the 1st B29 squadron to have one! As a radar op flew on the first B-29 mission India to Bankok. Flew on the longest bombing mission of WW2 Ceylon to Palembang Sumatra. Also was on the last and largest Tokyo raid - some 800 aircraft. Finished my missions from Tinian Is. We landed on Tinian about 8AM and the first atomic bomb was dropped about noon.

Retired from AF 1 Aug 69 as a M/Sgt and in Jan 70 as a 1st Lt. 16 years O'seas duty - last 16+ yrs in intelligence work.

73, Sarge W5IB

"MANIPULATE, SHLANIPULATE - WHAT A JERK!"

by Arthur L. Munzig, Jr., W6BV, #2091

When I started my first year of high school, in 1935, I began to take a renewed interest in ham radio, so my father gave me a circuit diagram and told me to build a receiver. I think it was a 3-tube, tuned RF. It was pretty exciting when I finished it and it actually worked. Soon I was clamoring to operate my dad's transmitter so I could 'talk' to someone - on CW of course. Hardly anyone used 'phone' in those days.

I 'worked' several ham stations while my father was alongside me. I had to use my father's call letters, W6BY, since I didn't have a license and call letters of my own. I explained to one ham I was 'working,' that I was only 13 years old and was using my father's station and that he was sitting next to me (which he probably wasn't at the time). The ham replied, " it is illegal to manipulate the key of an amateur radio station without authorization from the Federal Communications Commission, blah, blah."

"Manipulate, shlanipulate - what a jerk!" I thought. I looked the guy up in the Call Book and learned his name and QTH in Los Angeles. I never forgot him. (His initials were D.T.) Many years later I read in a ham radio magazine that he had been cited by the FCC for using obscene language on the air. I'm sure there's a moral there somewhere

"I HOOKED HIM!"

By Arthur L. Munzig, Jr., W6BV, #2091

In 1936, during the depression, my father was experimenting with wire antennas for a book he was writing, "R9 Sigs." He used galvanized iron wire, instead of copper, because of the cost difference. But the iron wire antennas seemed to work ok. I was getting more interested in ham radio, and built my own small transmitter, using low-power radio receiving-type tubes. I had about five watts of power. I didn't have my own license yet, so I used my father's call letters, and told others I was the 'jr opr.' This was not too uncommon a way of getting enough experience to pass the examination for your license. It was like getting an automobile driver's learning permit, but without the permit. I would get up early in the morning, when conditions were better on 40 meters, and when the more powerful local ham stations were not interfering with, or overpowering, my weak signals. This way, I was able to 'work' other stations in Canada and the eastern part of the United States.

One morning I heard a weak signal, slowly calling cq, who finally signed his call letters: KA9WX. I knew from the letters that he was located in the Philippine Islands, nearly 10,000 miles away. His signal sounded like it was 'down in a well,' which was what my father had told me to listen for. I answered his call with a shaky hand on the key, I was so nervous and excited. Would he hear my weak signals so far away? No chance. I called him anyway, for an extra long time, to give him a better chance to copy my weak signals. I transmitted my father's call sign, W6BY, many times, and then started to listen. I strained to hear through my earphones. Nothing heard. Suddenly I heard him slowly send the call letters: "W 6 B Y."

"I hooked him!, I HOOKED HIM!!, I HOOKED HIM!!" I shouted.

I awakened everyone in the house. My father came running to see if I had electrocuted myself. After I told him what had happened, he was as happy as I was.

That was one of the most momentous moments of my life. Since then, I have talked to thousands of amateurs, in hundreds of countries, but that first distant contact with KA9WX will be one of the last things I ever forget.

JUST A FIVE-MINUTE 'OLD TIMER'

Another day in my life that I will never forget, was Saturday, May 7, 1938. I was still using my father's call letters, W6BY, and just finishing a contact with another ham, when I heard and saw some mail drop through the mail slot of our radio shack, which was attached to our garage. The only mail I expected at this address on 10th Court, Hermosa Beach, (which was different from our house on 9th Street), was from the FCC, since I had given this address as the location of my hoped-for amateur radio station license. I ripped open the envelope, praying for my license instead of a rejection notice, and then I saw it - W6PYV - my own call letters. The first thing I did was to get back on the air.

I called CQ, and proudly signed my new call letters. A station answered. I told him that I had just received my ham license, and that this was my first QSO. He said that this was hard to believe because my code sounded like I was an 'OT.' I didn't bother to tell him that I had been operating my dad's station for several years. I was just a five-minute-old 'old timer.'

THE POT CALLED THE KETTLE BLACK

By Arthur L. Munzig, Jr., W6BV, #2091

After I received my amateur license, W6PYV, and while attending Redondo Beach High School, I joined the Radio Club. The radio club was suffering from a lack of enthusiasm, but I helped change that, and soon induced a number of my friends to join. It became quite active, and remained so for the three years I was a member: 1938 - 1940. The club helped a lot of guys to get their amateur licenses.

One fellow, whose name I have forgotten, but lived in Manhattan Beach, had learned the code and had taken his exam, and was waiting to receive his license. I helped him build his station. In those days you did not go to a ham radio store and buy a complete ready-built radio transmitter. You bought the parts and built it yourself. That was most of the fun: building it and getting it to work. After this fellow had his station ready to go, and had put up his antenna, I went over to check it out.

Since he didn't have his call letters yet, I decided to make up some call letters for the purpose of testing his station. I don't recall why I didn't use my own call letters, although this also was not strictly legal, since I was licensed only for my specific address. Maybe I didn't use my call because in case his signal sounded lousy, I didn't want to be associated with it. In any case, I arbitrarily selected the call letters W6MNO, and sent a long CQ, signing W6MNO. A station in Pasadena answered, but he was a very bad operator, and I doubted he was actually licensed. I was so sure of this that I accused him of being a 'bootlegger.' He went off the air immediately, which seemed to prove my point.

A few months later I read a small article in a local 'ham' publication, written by a Los Angeles amateur, W6MNO, who reported a recent incident he heard on the air. He reported that a 'bootleg' station using his call, W6MNO, was talking to another ham station in Pasadena and accused the Pasadena operator of being a 'bootlegger.' W6MNO concluded his article by saying, "The pot called the kettle black." I looked in the mirror, and sure enough, my tan was getting much darker.

A. PROSE WALKER. W4BW. #2997

Born 1910, saw
"Buffalo Bill" Cody
and 1st wireless
aerial Kearney NE
1914.

Spark coil rig
1923, 210 DX
Club, A-1 Op, ex-
FOC #815, WAC,
WAS, WAZ;
SOWP, QCWA,
OOTC, ARRL,

PVRC; DXCC #172 W 2 B M X 1939, also from W4CXA, W0DCA, W5KZA, W3BMX(invisible ant);
Am Extra '53; Op ham stns in EA8, F, G, HB0, I, LA, OE, SP, SV, VU, VK 2,3,4,4UI.

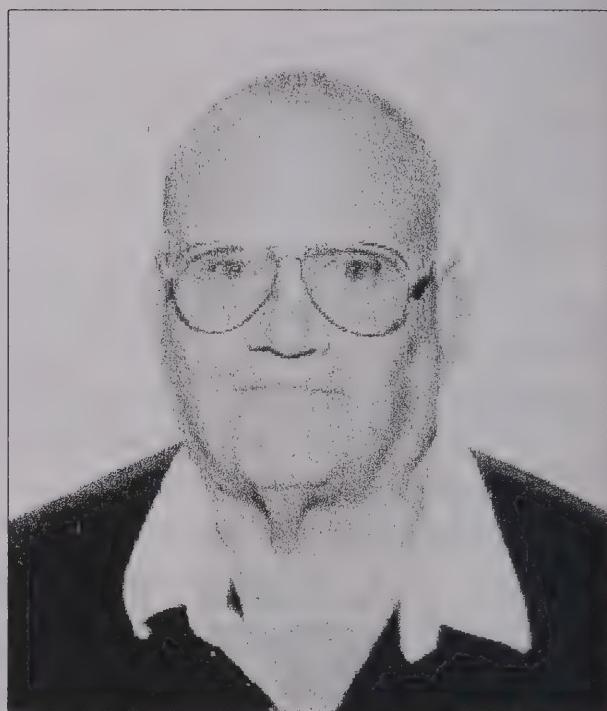


IRVING W. GRAHAM, KD8PI, #3603

Born May 22, 1922, Lansing, MI. Other calls KA8AYU & N8FMG. My radio experience from 1953 was with the Lansing Township as a volunteer radio operator at the main fire stations. At times I had charge of radio communications while the fire chief was out of the station or on vacation. Also operated as member of Civil Air Patrol working out of the Lansing MI airport and MARS station from home KD8PI with call NNNO0BH for about 5 years.

DONALD "DON" ABELL, KC5TK, #3604

Born August 4, 1933, Hutchinson, KS. Spouse Glenda, 3 children. Other calls HK3EO, YV5LO, LU6ECE, W0FBL, DL0AE, WB5SND. Regular Army 1953-55 Corporal. Dad was President of Latin American Operations for Halliburton, an international oil firm. Went to South America at age 7 and grew up speaking Spanish better than English. Met and married wife in graduate school at Colorado U. We have 3 kids and 6 grandkids, all in and around San Antonio. Spent life working as a civilian employee of Dept. of Defense (Industrial Psychologist). Retired 1990. Enjoy travel, radio, classic cars, my greenhouse, big steaks(rare) and game fishing off the Texas Gulf coast. I accept a consulting job now and then but my prices are so damn high I don't get called very often! (That's the idea, OK!) I am or have been ARRL OO, EC & VE; ARES, AMSAT, Army MARS and QCWA. My Rig is the same one I started with - a full Collins S-Line including a rare 62S1 which is a 6 & 2 M. transceiver. Ant is a TH6 up 60'. "Neatest" certificate is for having worked all the states in the US within a single calendar year on 6 meters. I am sure this is more than you wanted, but....!



BASIL JOE "JOE" WHITLEY, W5MBT, #3605

Born July 15, 1927, Ft. Worth, TX. Spouse Margene. USCG RM3C1945, original call 1945. Instructor USCG Radio School Atlantic City, NJ. 1944-45. USCG radio operator, isolated duty, Newfoundland 1945-46. Graduated SMU Electrical Engineer May 1950. Registered Professional Engineer Texas. Electrical Engineer, Tenneco Inc. 1950-1986. Administrative Dean, Int'l Christian Inst. and Grad School 1986 till now.

LEVIN J. "BUD" PEEK, JR., W9FAW, #3606

Born April 5, 1931, Chicago, IL. Spouse Helen, 4 children. Other calls WN9RPB, W9RPB, W0SAS, W2IDS, N9BNE KO4TH. My father was a OOTC member in the 50's. (Spark Operator member #0155 -Editor) Electronics has been in my life from when my father first helped me build A crystal set. Since then I was a Radio/Radar technician in the service and went on to get a BSEE and an MS Computer Engineering. Designed computers and computer systems for 30 years and am now retired. Do a lot of volunteer work in the District Court System.

EARL J. "EARL" SCHLENK, K0RIO, #3607

Born July 26, 1944, St. Louis, MO. Spouse Mary. Original call 1956. Received my novice at age 16 and extra class 18. 1st Class Radiotelephone with ships Radar Endorsement also at age 18. I have been employed as a electronic technician for 30 years on a railroad. Amateur radio was responsible for my current career.

R. M. "MACK" CALDWELL,

K8GWU, #3608

Born October 24, 1941, Giles County, VA. Spouse Linda, one child. USCG ET3 1962-66. KN8GWU 1957.

Four years in Uncle Sam's Coast Guard.
Thirty years AT&T employee.

Twelve years as maintenance man in Central Office Moreley, VA. Eighteen years outside plant in the Richmond, Southside, Virginia area.

Retired AT&T August 1, 1996.



STEPHEN R. BIRD, K0LES, #3609

Born January 4, 1941, Nebraska City, NE. Spouse Jan. Other calls KN0LES, WA7LHZ. I was first licensed KN0LES in 1957 between my sophomore and junior years in high school. This was a decisive event in planning my future career. From that moment I knew I wanted to be an electrical engineer. In December 1963 I received a BSEE degree from Colorado State University in Fort Collins, CO. During college & the early years after graduation I was virtually inactive in ham radio other than working on one of the first 2 meter FM repeaters in Denver. We converted old taxicab radios for the base and mobile stations. Our base station used a

STEPHEN R. BIRD, K0LES, #3609 - continued from page 13

homebrew 1-kW amp. (we could be heard over a large geographic area!). Our mobiles ran either 40 or 80 watts. I forget the exact date our repeater went on the air (I believe it was in 1961 or 1962). I married my XYL, Jan, in 1966 and we started a family (1 son and 1 daughter, alas, neither of whom has the ham radio bug). Jan and I are the grandparents of 4 boys ranging in age from 4 to 10 years old.

My professional career as an engineer began in 1953 when I joined the U.S. Department of Interior, Bureau of Reclamation, in Denver as a designer. I rose through the ranks and in March 1968 became WA7LHZ when I was promoted to a supervisory position on the construction of an electrical substation project in Boulder City, NV. I was the chief electrical and mechanical inspector for this facility. In the summer of 1969 I transferred to a project constructing a network of water pumping stations in southern Nevada. These stations raised water from Lake Mead to the cities of Las Vegas, North Las Vegas, Henderson, and Boulder City. I was also the chief electrical and mechanical inspector for this project. In November 1971 I transferred to Hoover Dam as first the Chief of the Engineering Branch and later as Chief of the Operations and Electrical Maintenance Branch. I held this position until November 1976. During the period between 1969 and 1976 I dusted off my key and gave many stations their first Nevada contact. I continued to advance and spent 2 years in the Phoenix area as branch chief and then back to Boulder City for a 2 year tour as division chief. In January 1981 I was promoted to Chief of the Power Engineering Division on the Central Arizona Project in Phoenix. I was chief of all the electrical and mechanical equipment installation and testing (making ready for service) for a 4 billion dollar system of pumping plants, canals, and power lines to move water from the Colorado River to the cities of Phoenix and Tucson as well as several smaller cities and numerous agricultural water districts in the Arizona desert. I was directly responsible for the safety and proper installation and operation of several hundred million dollars worth of equipment. I retired from this position in June 1994.

During the last 17 years I have been very active on 6 meters and during several field days. My low band operation was very limited due to antenna restrictions. With my move to a 1 2/3 acre parcel in February 1997 I am presently up and running on all bands from 80 to 2 meters with plans for 160 meters in 1998.

In 1996 I received my original call, K0LES, through the vanity call program. I am a life member of the ARRL and a member of QCWA.

DONALD P. "DON" ZIELINSKI, K0PV, #3610

Born June 18, 1943, Denver CO. Spouse LaVon, KB0WIW, 2 daughters. USN Lt. Cmdr. 5/61 to 7/65. Other calls KN0PVI, K0PV, K6YY, WB5INT, CX0ZC, ZF2MB, WR0AQA trustee. Novice ticket age 12, 9 months later upgraded to general. Was 36 years before upgraded to Extra class. Am W5YI VEC, President of Colorado Bighorn ARC, Curator of the Bighorn Museum of Amateur Radio and trustee of the Eastern Colorado DX Society. Past Director of 10-10 International and currently serve as their contest manager. I have been a member of 10-10 since 1974 and #9902. QCWA since 1983. My favorite band is 10 meters. Country total on 10 meters is 327SSB, 293CW, 177RTTY. Was 53 times WAZ DXCC WPX Honor roll. USCA-1100 counties - all on 10 meters.

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DONALD P. "DON"**ZIELINSKI, K0PV, #3610**

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I am self employed as a appliance sales and service Tech. and have stores in Colorado, Texas and Nevada (32yrs). On retainer as a broadcast engineer for 3 different Eastern Colorado AM stations. Hold Masters of electrical engineering and a GROL & 1st Class Radiotelegraph.

Xyl is LaVon, KB0WIW who has gone from no code tech to general class in 9 months and going for extra in February 1997. My first contact was 6/18/57 (my birthday) with VK3VJ on 15CW

**HOWARD A. MILLER, W4KXE, #3611**

Born May 9, 1920, E. Orange, NJ. 1st licensed W2LAO 1938. USNR RM3c 1938-39. Joined the USN and served until November 1960. Retired as CWO-3 then worked under contract to the Navy Department in Washington, DC. A year or so later on a Govt. job with NASA and was on project Syncom the first synchronous communication satellite launched in 1963. Then on ATS for two years before going back to the Navy Department, Naval Electronics Systems Command designing satellite systems for surface craft.

HAROLD E. "HAL" HAINES, NX7G, #3612

Born August 4, 1919, Oswego, OR. Spouse Ethel, N7KRA. Army retired, served Oct.'41 to Feb.'68, CWO. Had a novice call in the '50's but do not remember the call. KA7SKH 1984. I first entered the radio field in 1941 when I joined the Army (Alaska Communications System) in Seattle. My first assignment was Radio School which I was attending when WW2 broke out on December 7th. I was assigned to Skagway, Alaska in January of 1942. The Alaska Comm. System handled all of the communications in Alaska, commercial and government. I arrived in Skagway, one of four CW operators. The impact of the war had hit with the start of the Alaska Highway. I became proficient as a high speed CW operator spending 12 hours a day on the various circuits. Discharged in October 1945. After 3 years as a civilian I entered the Alaska Communications System as a Staff Sergeant and Station Commander at Cold Bay in the Aleutians and Valdez with a short stint as instructor Camp Gordon, GA. In 1956 received a Narrant Officer Comission, serving in England, Germany and US until retired in 1968. Missing CW, became Extra class 1986. Operate CW 90%, my first love. Find digital interesting.

CHARLES H. THOMSEN, Spark Operator W5OP, #3613

Born December 6, 1902, Houston, TX. Spouse Grace, KA5VUD, 1 daughter. Served as M.SGT. 1928 to 1936. Originally 5OP in 1919. On a trip to California I went to Catalina I. on a ship about 1917 or 1918. A mini storm made all sea sick and I wandered around until I found the radio operator. He was reporting to a Los Angeles office.

His transmitter was a quench gap spark set. When I got back home I had to find how I could join this wonderful world. In 1918 I used a ford spark coil to work another station also using same set up about 7 miles away. When radio inspector came from New Orleans, LA I got 5OP and Walt Putnam got 5?? (Editor's note" The 1922 Department of Commerce Call Book shows "Putnam, Walter C. 5HE")

My first receiver was a DeForest audion tube (no socket - it had wires out each end.) My next transmitter was a Acme 1/4 kW transformer and a rotary gap. I sold it to another ham and then got a 1 kW transformer to use with an AmRad(sp?) Syn. gap. This rotary gap with 8 tooth disc gave a 120 cycle pure note. Used it to work with an 8 wire cage antenna on 200 meters. Stayed active until 2 yrs ago. (Joined OOTC 2/9/97)

ALAN M. "AL" MASLIN, W3DZI, #3614

Born April 11, 1942, Philadelphia, PA. Spouse Nina. First call WN3DZI 1955. National Guard Sergeant 1964 - 1970. Graduated from Overbrook High School in 1960, attended Temple Univ. from 1960 to 1963.

Novice license October 1955 at age 13, WN3DZI. Active on 80 CW. As Technician was active on 6 meters AM, CW and later SSB. Continued upgrading up to Extra and active on 80 through 10 HF and 2 FM. Presently active on 2 meters and 70 CM. On HF mostly CW but also operate SSB, Packet, AMTOR, PACTOR and RTTY. Hold Certificates for WAS, WAC and DXCC.

Life member of ARRL and QCWA and member of Old Timer's Club. Over the years, have been member of several clubs; West Philadelphia Radio Club, W.E.N.S.Radio Club, founding member, past President, call sign trustee (WB3JOE), board member and chairman of the TVI/RFI Committee of the Mid-Atlantic Amateur Radio Club, Inc., and also President of the Channel Six Amateur Radio Club where I work. Participate as VE and prior to the existance of the VE program administered ham exams to physically disabled. My TVI/RFI work included doing TVI investigations for the Philadelphia office of the FCC. Have served as Emergency Coordinator for Philadelphia County and presently the Official Observer Coordinator for the Eastern Pennsylvania Section of the ARRL.

My career has been with WPVI-TV, Philadelphia, as Broadcast Engineer for over 30 years. Also hold certification from the Society of Broadcast Engineers as a Certified Senior Broadcast Engineer. Active with the Broadcast Pioneers organization and Secretary of Athelstan Lodge #482 of Free and Accepted Masons of Pennsylvania.

Hobbies include classical music, tropical fish, photography and computers. Xyl Has no interest in ham radio. We have four children, I have two from previous marriage and Nina has two from previous marriage. My son Stephen is N3ORH. My first wife became a ham and still licensed as WA3UOC.

ROBERT O. "BOB" PARMER, W3LCP, #3615

Born May 27, 1925, New Jersey. Spouse Marguerite, 4 children. USN ARM3/C 1942-1945. Other call N2YLG. Attended Aviation Radio & RADAR school. Flew in Grumman Avenger Torpedo Plane from USS WASP in Pacific campaign. First ham license 1946 (W3LCP). Worked as telemetry tech at Cape Canaveral FL and other companies in PA as telemetry tech. Now retired living in Potsdam, NY near St. Lawrence seaway about 20 miles from Canada border.

Hold general class commercial license. Let ham license expire after 20 years of operation. Relicensed in 1994 as N2YLQ extra class. Got old call back under vanity system. I operate both CW & phone on HF bands. Favorite band is 20 meters. P.S. The xyl says to mention we celebrated our golden anniversary in 1996.

R. MICHAEL "MIKE" DREW, W1LRZ, #3616

Born April 16, 1941, Belfast, ME. Widower, 2 Children. First call KN1BGT 1957. K1BGT '58-96 DL4DR '69-71. USN 1959-1984 T-03

DANIEL R. "DAN" WEST, K6DRX, #3617

Born May 25, 1915, San Francisco, CA. Single. USNR Yeo1/c 1934-1940. USCG COXN 1943-1995. Enlisted in USNR 10/2/34. Became operator. Obtained KN6DRX and K6DRX. Have WAS and many foreign countries on 28mHz. Was 36 years in Civil Air Patrol, search and rescue and recruiting.

Worked for Mackay Radio and Telegraph Co in 1934 as part time maintenance when the spark gap transmitters were in service. This involved the cleaning of the carbon out each night. After college graduation began full time as clerk and stock inventory of electronic items such as Kearney clamps, insulators, twisted pair cable and all antenna gear for the 650 foot tower and 25 acres of antenna farm in all directions. At start of WWII even had 25 U.S. Army troops stationed in my stock room in cots to sleep on and duty rounds.

For two years I was a circuit operator at Mackay's receiving center in San Francisco. Call HB to process the traffic from around the world. In 1949 I left the company and was a police officer for Stanford University for 7 1/2 years. The office of Naval Research at Stanford was searching for personnel familiar with electronics and I was selected to serve the agency making inventories, getting surplus items for the research programs of the Army, Navy, Marine Corp and Air Force. Later was Facilities Properties manager. Retired in 1978 to a part time job with Automatic Data building security and operations agent. Resigned in 1989 when wife became sick. Went to Washington to visit my daughter and became sick and am now in a retirement home. Not like our own home but could no longer live at home. End of the line - circuit for me.

WILLIAM R. "RAY" COLBERT, W5XE, #3618

Born November 17, 1941, Cedartown, GA. Spouse Gerti, 4 children. Other calls: KN4LNE, K4LNE, DL4MQ, DJ0MQ, W5QYK, W6NJP. USAF 1959 TO 1967 A1C (E4). First licensed in 1956 while in High School. 1957-8 worked for local PD as radio operator. 1959 after USAF basic training, assigned to SAGE Radar school. Became proficient in code and transferred to morse intercept school. Overseas locations in Scotland, Alaska, Germany. In 1967 left military and entered duty with FBI as CW radio operator/technician. Advanced to other positions and retired in 1996 after 37 1/2 years service. In February of 1997 worked W7CNL who I had QSO with over 40 years ago. He returned my original QSL card from the first QSO.

ROBERT L. "BOB" RISACHER, W5BR, #3619

Born September 2, 1941, Paterson, NJ. Spouse Billie, KA3SAG. 3 children. Army Capt. 1968 - 1970. Other calls: KN2KJE, K2KJE, W4NNL. On the advise of my "Elmer" W2AXC (SK) I refrained from the temptation of phone which was available on 2 meters. As result, I was able to upgrade to general by May 1955 (A good sunspot cycle year). The only "kid on the block" with a 4 element 10 meter yagi!

Met Billie in college and married in 1963 before starting graduate studies in Biochemistry at U. of Mass. Missed the birth of our 2nd child because was in Viet Nam. After my return, began a career in Clinical Chemistry and became W4NNL in Orlando, FL. 3rd child Daniel, N3GME, was born there. Six years later joined DuPont Company in Pennsylvania. Upgraded license twice, participating in ARES and other volunteer work. Moved to Connecticut with a job change and completed DXCC. Joined QCWA, 10X and volunteer ARRL VE. During this time it was my turn to support my wife who finished her Ph.D in mathematics. Our kids are through college now and we are living in California, thinking about retirement. My vanity call letters allowed adoption of my initials, not exactly a unique idea. When we do retire I expect ham activity to increase markedly and Billie to keep a very old promise to upgrade.



ALPHONSE. D. "AL" FISCHER, KC4RIB, #3620

Born September 21, 1921, Cincinnati, OH. Spouse betty, 5 children. Other call KB8ITA. USN RM2C 1942 - 1946. Short time aboard ship, taught theory at radio school NWX (Indianapolis, IN) Operated station in India for the State Department through Naval intelligence.

JOHN W. "JACK" SLACK, W2DGJ, #3621

Born January 6, 1940, Jamaica, NY. Spouse Georgianna, 5 children. Other calls: KN2SMR, WA2GBG 1958-1996. USAF A2C. Worked as nuclear inspector from 1979 through 1992. Member QCWA, ARRL. In the service I was on support crew during the launch of Oscar 1 at Vandenburg AFB, CA, In 1997 I changed call letters to my deceased father's W2DGJ. He held this call from 1933 through 1970. First time I ever communicated over ham radio was 1946 on my Dad's rig on Long Island when I was 6 years old.

KARL MAERZ, DL1MEB, #3622

Born June 17, 1937, Munich. Spouse Helga, one child. DJ3RU 1956, DL1MEB 1986, AB2DC 1997. Studied electrical engineering at Techn. Hochschule at Munich from 1956 to 1962, promotion 1970 (Dr. Eng.) in Communication Technology. Did work in industry on microwave and data communication until 1993. I live now in Erding, a small town near Munich.

Since 1994 I have become responsible for training and assistance to youth members of our local ham organization in Erding. Since 1994 I am net control every week of the QCWA/OOTC CW net in Germany. Life member of QCWA. In 1992 became member of Radio Telegraphy High Speed Club (HSCeV.) in Germany, being already member of AGCW-DL, Activity Group CW in DL since 1987.

I do regular demonstrations of radio amateur activities at the Deutsches Museum (A museum of science and technology at Munich).



DAN W. DAMROW, W9GQY, #3623

Born August 8, 1917, Chicago, IL. Spouse Kay died 1988, 2 children. W9GQY since 1945. DA911 Navy from 1940 to 1942. RM3C 1938-1941 Navy Reserve.

In the 30's we lived in a small farm community near Chicago. In the boy scouts, a few of us became interested in radio, in particular, building crystal sets. We discovered that a model T spark coil could transmit a signal. It was a disaster, so our transmissions were short lived. We moved to building one tube sets and spent much time pouring over Hugo Gernsback publications.



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I told a local radio store owner of my interest in radio, he was impressed with my enthusiasm. He led me downstairs to a storage area which was loaded with trade-in radios of an older vintage. He allowed me free choice of this gold mine of radios. I made a number of trips with my trusty coaster wagon, until my bedroom was over flowing. This was an invaluable part of my learning circuitry as I disassembled some for parts, and restored others to working order.

I was deeply indebted to this man for giving me the opportunity to learn all about radio in this informal way. In later years, as an adult, I became his radio repairman, this was before TV. I was his employee for eight years, we had a vey good relationship until Pearl Harbor. I then went to work for the Fifth Army Signal Corp as a radio repairman for two-way radio.

When the ham bands were returned to radio amateurs after the war, I was very active on the ten and eleven meter bands. Band conditions were terrific, you could work the west coast with one Watt of RF, and it was also an excellent mobileers band.

Now at age 80, I am still fascinated by the marvels of the electronic field. Now it is a blend of computers, packet, and a host of other modes. I still enjoy CW and ragchewing on 160 meter SSB. 2 meter FM is also a good place to spend time comparing notes with some old timers like me.

My only regret is the passing of the fine art of building your own equipment, but again time and age is so unforgiving, our eyes and manual dexterity is lessened. So, we can live on with the memories of a more simple and happier time.

LAURENCE N. "LARRY" D'ANGELO, AB6E, #3624

Born May 12, 1917, Boston MA. Spouse Connie, 3 children. First call W1KEJ-1936, K6PSL-1955. Signal Corp April 1945 to October 1946. Hope I like AB6E for CW better than K6PSL. If I don't, tough, it was my choice!

ORLANDO R. RUSCHMEYER "OLE" W0JKY, #3625

Born February 27, 1925, Stewart MN. Spouse Gloria, 2 children. Other call KB0ZDQ. USAAF 1943-45, USAFR 1947-51. My 1st experience in radio was in the U.S. Army Air Force. Served as aircrew radioman on a number of different aircraft in Europe, Africa and S. America. Rcvd W0JKY 1948. First rig was 6L6-809 and surplus BC-342N rcvr. Still have W2GI's QSL, my first QSO. Back to college for work in Microbiology, and later, graduate study in Biochemistry Microbiology and public health. Following that, was a teacher at the University of Minnesota for 29 yrs.

Because of numerous activities in research and teaching, I allowed my general class license to lapse. Now in retirement, I hope to upgrade to a similar class once again in the near future. Have enjoyed 40CW & interested in DX(Europe).



BIRTHDAYS IN JULY, AUGUST & SEPTEMBER

01-Jul	14-Jul	28-Jul	12-Aug	27-Aug	11-Sep	26-Sep
V5DKK	W3GN	W6NGK	K5KC	W5TEH	K4EMN	AI2X
W6UK	W3LIR			W8GOU	W6XS	W5JNK
VOUHL	W3ZIF	29-Jul	13-Aug	W8ROV		K6CJ
	N4KVF	W2IXR	K2TQN	W0NYG	12-Sep	W7IBC
02-Jul	W4TLN		W0KWS		K4PPS	
W3JI	K9EAT	30-Jul		28-Aug	W5QXM	28-Sep
		W6TRP	14-Aug	W3RMF	W7ILW	W5ZPA
03-Jul	15-Jul	W7BAC	W9IPO	W5YI		
V6DUU	W3FZV	W8TJQ	W9MOL	KB7NF	14-Sep	29-Sep
V7J0Z	KE4NNA			W9IL	WA4QJE	WB8SNH
VOAKL	W5MBT	31-Jul	15-Aug			
	W8FLA	NY5F	W2BKZ	29-Aug	15-Sep	30-Sep
14-Jul			W5ZMI	W4DRF	W1YOC	K2RXC
/3HGD	16-Jul	01-Aug	W6XM	W4TG	DL3QV	W5CJE
/4SQE	W1PEX	KE6OIB	K8GOM			WA6VTL
N6PA	W7JGU	W7PJW	16-Aug	KM8K	16-Sep	
			K2DYB		K3CRC	
15-Jul	17-Jul	02-Aug	W3NMK	30-Aug	W4HFB	
4AHS	W3GNG	W6MHT	W5NJJ	W2EIQ	K5OI	
/5QKR	K8CSG	W6UUC	W5YSM	W5GHP	W50XR	
V5UP		W8CCN	W7ITG	W6IST	K6KJK	
/9TAL	18-Jul	W8NNs			K8NI	
00SB	WA7PVC		17-Aug	31-Aug	W9WUU	
	K0GUY	03-Aug	W2DX	W9NZF		
16-Jul		N3NN	N4MM		17-Sep	
B4ODL	19-Jul	K5AY	W5NYM	01-Sep	DJ1GE	
K4UH	NJ2J		W6DIS	DL1SX	N1JB	
0HPD	W6ILL	04-Aug	N7ESJ	NO3M	W3KVS	
	WA6KGK	KC5TK		W5CMS	W0LK	
7-Jul	WOEBA	NX7G	18-Aug			
3QPP	W0RLS	KC8D	W2ZBK	02-Sep	18-Sep	
/5LKL			W5HS	W5BR	W5JNS	
20-Jul	06-Aug		20-Aug			
9-Jul	W4KE	W2WSS	19-Aug	04-Sep	19-Sep	
12UJP	K5HGL	K4DRN	W4UKJ	W5RNF	W1LC	
2YAV		W6LXZ	W5ARV	W5UKY	W2LPA	
4FW	22-Jul	K7PU		W6APU	K6HWR	
5UZW	K4DWW		WA5ZFQ	W1CJK	N7AEV	
5QHD	W6CK	07-Aug	W2VDE	BA1RA	20-Sep	
			W1CJK	W4AXH	W2LS	
0-Jul	23-Jul	KB6FB	NT6O	W4KOG	W3ISR	
1FP	W3UW	W6ORD	W6WXU		W6FJT	
6JXD	K60OA	W6UZ	WB9UAD	07-Sep		
16RF		W6WHM		AA3HY	21-Sep	
6ZE	24-Jul	W9EK	21-Aug	K4HEB	W2ENF	
9TNZ	W4LHP		W3QYL	K6MV	KC4RIB	
	K5TQN	08-Aug			KJ7HI	
1-Jul	N6ATY	W1LTS	22-Aug			
2EEQ	W6EPW	W2YTO	WK1H	08-Sep		
5AE	K6USI	W3QBZ	KB6UW	W1SUJ	22-Sep	
5NU	W8ZNV	W8KP	W6ZZN	W3BRX	N5RYZ	
/7IV		AA8RU	W8SEL	W5CJZ	W8OZT	
25-Jul	W9GQY			W5TZD		
Jul	K4FVI	K9KKX	23-Aug	W9POC	23-Sep	
2DX	W7KLH		K6SSD		K5AQL	
AAQ		09-Aug				
Y6O	26-Jul	W1QV	25-Aug	09-Sep	W2JQS	24-Sep
	DL6KP	W7ER	W6DQO	W3UHV	DL1AN	
Jul	K0RIO		K4AN	W5RYV	K6BPB	
1FYF		10-Aug	OZ8T	W9IWI		
/BZJ	27-Jul	K4MU				25-Sep
	K2GBR	K6CX	26-Aug	10-Sep	VE2RO	
	K2IC		W3RMB	W2LLT	W6JDL	
KB5WZI	11-Aug	W6BV	NY2V			
K6LLD	DL3WX	W6CBA	K2WW			
W0RTV		KJ7UK	K4CTB			
			AC4TR			

OOTC OPTIMISTS

DUES PAID INTO THE YEAR 2000

DL1AN	AE2L	W4AET	AB5LF	W6QM	W8TP
JP1BJR	W2LLT	K4AHS	W5MC	W6SMD	W8VLD
W1EED	W2MHF	W4AXH	K5OI	W6TD	W8WM
W1EOF	W2NLJ	AA4CV	W5QKR	W6TRP	WK9ARF
WB1ESS	W2QR	W4CZ	KASTUF	KB6UW	W9BOX
K1FP	DJ2QX	K4DRN	W5VIV	W6WXU	W9FAW
W1GAY	K2RXC	K4EMN	W5YI	W7AMM	W9IL
W1GJV	W2SLW	W4FOA	W5ZUT	WL7EM	W9JUV
W1LA	K2TAE	K4GVG	WA6BLU	W7GEY	W9LC
W1PB	KA2UJP	W4HEQ	W6BV	W7IV	W9MOL
W1PCD	NY2V	W4KXE	W6DQO	W7KG	W9OUW
W1QV	WA2VQV	AC4ND	W6DUU	K7KL	W9QLM
BA1RA	DJ2VZ	WB4ODL	W6EFB	W7KS	N9SW
N1RT	DJ2XB	KP4PQ	W6ELH	W7LHI	HB9T
DL1SX	W2YAV	KC4RIB	NH6GF	W7LVN	W9VZR
W1TP	VE3CT	WA4SLF	W6HVR	W7NSN	W9ZC
DL1YB	W3DNF	W4UIO	W6IST	W7RWB	SVOAA
W2ANB	K3GGN	WU4W	W6JGL	W7TCT	WOABO
W2BJ	N3HWA	W4WKQ	W6JTA	W7TW	PA0JAL
K2EEK	WA3IYA	W4LAN	W6JU	DL7UXO	WOLDF
WA2ELE	W3JI	W4YE	DL6KP	WA7ZOC	WOLQJ
W2ENF	VK3LC	W5AE	WB6LLO	W8CA	WOQIK
AA2FJ	NO3M	W5APX	W6LOA	K8CWQ	SMOTRT
N2FX	WA3MEK	PY5BLG	K6LRN	W8DWT	WOUHL
K2GBR	W3ONE	K5EE	AA6LY	W8HQI	KOVF
K2GCE	W3OOJ	W5END	W6MHT	W8IXD	KDOYZ
W2HXG	W3QPP	W5GXH	W6MI	W8KGD	
K2IC	DL3QV	W5HX	W6NKE	W8OZT	
KD2IN	VK3QY	W5JNK	W6NPN	KD8PI	
NJ2J	W3SY	W5KL	K60OA	W8SFA	
W2JQS	DL3WX	W5LBU	W6QHL	WB8SNH	

DUES PAID INTO THE YEAR 2001

W1EZR	W3KVS	W4MQB	W5XW	NT6O	K8CSG
W1FJI	W3MZ	K4MU	W5ZMI	W6RQQ	W8KP
DL1NP	N3NN	K4PTU	W6CBA	W6SQZ	W8MFN
W1PL	W3OKN	K4QM	W6CF	W6WHM	W9NQC
W1RGH	W3RFQ	N4SU	K6CJ	N6ZHW	WOJKY
K2GYX	W3TFA	KL4T	W6CSM	KL7AVX	WOKA
K2OY	W3Y0Z	W4VS	W6EBY	KB7CEZ	KOLES
DL2RVD	K4AN	K5ABD	W6GED	VE7GVC	W0VZK
W2YC	AE4AU	W5LUE	K6MO	N7HID	
W3HVS	WB4HPB	W5OVH	AC6MY	W7IBK	

DUES PAID INTO THE YEAR 2002?

W1CKT	W2RS	W4SQE	VE7BRX	KM8K
W1FA	W3DZI	KF5BL	W7DFW	W9IZO
W1RGX	K4CTB	W6FU	W7WU	WOEBA
KD1XA	W4NXP	W6RHM	N8HOC	W0RSW

DUES PAID INTO THE YEAR 2003

W1FVQ W3QYL W5BR K6LLD W0BZJ
WA3EXX W3VJN W5OXR W6ZZN

DUES PAID INTO THE YEAR --

2004	2005	2006	2007	2009
W2LPA	W1UQ	W6AQ	K4OM	WA7PVC
KH6HME	OZ7SM		N6TK	
W8DGU			W7OP	

THE FOLLOWING 36 MEMBERS ARE DUES "LIFE".

(THIS OPTION IS NOT AVAILABLE AT THIS TIME)

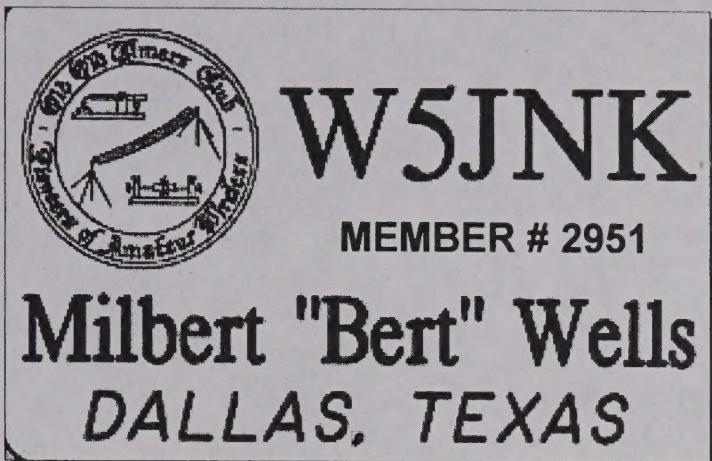
NOTE: FIFTEEN IN THIS LIST (IN BOLD FACE) ARE GIVING ADDITIONAL SUPPORT TO THE CLUB BY PAYING DUES

W1GAY	W2JQS	W3LIR	W6BV	W6MI	WW7P
W1LMS	KC2PS	W4LAN	W6CK	W6QLO	W8CWY
W1PB	K3AU	NA4X	W6DIS	K6QS	W8KF
K1POM	W3GN	W5SKT	W6GED	W6USY	W8ROV
W2CVF	W3HGD	W6ATC	KH6GI	KB6V	W8SK
K2GCF	VK3LC	K6BTO	W6ISO	KI7BT	W6GEQ

NAME	CALL	BORN	DIED	OTHER INFO
Charles F. Anderson	W1ACB	07/18/1916 #2487 SK: missing		W1ACB-1948 From QST May 1998 P.95
Clarence E. Hinchley	W1AUQ	08/16/1907 #1590 SK:12/ /97		1AUQ-1924 From his son via W1UQ
Clarence Mitchell	VO1AW	08/06/1917 #1671 SK: missing		VO8W-1933 From QCWA Jrln Spring 1993 P.35
Carl B. Evans	W1BFT	05/27/1910 #3386 SK:02/03/98		1BFT-1925 From Jon Evans
David Greene	W2IAO	10/26/1917 #1825 SK: missing		W2IAO-1935 From QCWA Jrln Spring 1998 P.47
Stanley C. Guyer	K2ICY	08/02/1912 #3583 SK:05/05/98		W1GTY-1933 George Bennison, W2IXR
Donald J. Sabraw	KE2QM	02/08/1917 #2970 SK:03/10/98		Military-1942 From Daughter Beth (Sabraw) Keller
William T. Kane	WZ3P	06/25/1924 #2972 SK:03/02/98		W3KVA-1924 From Beatrice R. Kane
Alban Papineau	W4JMD	06/23/1904 #3009 SK: missing		W4JMD-1946 From QST October 1993 P.104
Victor M. Woodward	K4NP	09/23/1904 #0990 SK:04/19/98		2CCK-1921 From son George Woodward, W1RN
Eric A. Roberts	K4RF	10/05/1920 #0937 SK: missing		KA5HCS-1940 From QCWA Jrln Spring 1998 P.47
Raymond P. Redwood	KA5HCX	11/02/1911 #3088 SK:02/14/98		2AFV-1926 From SOWP Beacon March 1998 P.16
Bernie Wilenzick	W5IVF	09/18/1897 #2310 SK: missing		W5IVF-1941 From QST October 1993 P.104
Ferreol P. Moncrief	W5JGD	07/09/1922 #3169 SK: missing		Military-1915, W5JGD-1931 From QCWA Jrln Spring 1998 P.47
George C. Andrews	W5PV	08/17/1910 #2780 SK:01/06/98		W8QQM-1937 From George L. Andrews
Harold A. Gilbertson	W5RB	12/25/1911 #1118 SK: missing		W7AJA-1928 From QCWA Jrln Spring 1998 P.47
Esther I. Given	W6BDE	05/09/1919 #2705 SK:03/13/98		Military-1943, W6BDE-1946 From Leland Smith, W5KL
Robert L. Price	K6PHT	04/15/1914 #1659 SK: missing		W9TGO-1934 From QCWA Jrln Spring 1998 P.47
Iris A. Colvin	W6QL	01/13/1908 #3359 SK:02/18/98		KL7DTB-1945 OBIT from Daughter Joy Gilcrease
Samuel E. Burdette	W6YYV	10/10/1911 #3030 SK: missing		9BZM-1926 From QCWA Jrln Spring 1998 P.47
Girard J. Moermann	K7AIL	01/02/1915 #2107 SK: missing		W6FZI-1932 From QCWA Jrln Spring 1993 P.34
Keith O. Olson	W7FS	01/01/1909 #1072 SK:01/14/95		W7FS-1928. Reported by Daughter in SOWP Beacon March 1995 P.18
Barry M. Goldwater, Sr.	K7UGA	08/08/1909 #0400 SK:05/29/98		6BPI-1923 Spark Operator From News reports.
Carl Herbart	W8CU	11/11/1912 #2291 SK: missing		8CU-1923 From mail returned marked "Deceased"
John F. Stauffer	W8GSP	10/21/1913 #2579 SK: missing		W8GSP-1932 From QCWA Jrln Spring 1997 P.35
Harold J. Mahlke	W8QG	12/05/1909 #1219 SK:03/11/98		W8DOI-1930 From Eleanore J. Mahlke
Francis F. Walton	W9ACU	11/08/1913 #0905 SK: missing		9ACU-1926 From QST May 1998 P.95
Roy R. Scherman	W9FHS	12/17/1905 #3332 SK: missing		W9FHS-1932 From QST June 1998 P.86
Edward W. Chavoen	W9GGG	02/13/1913 #2813 SK: missing		W9GGG-1937 From QST August 1993 P.97
Woodrow M. Cook	W9GJS	01/08/1910 #1690 SK:05/27/98		9ASJ-1920 From David M. Cook
Adrian Z Hodson	W9HOT	02/01/1927 #2876 SK: missing		W9HOT-1949 From QST May 1998 P.95
Betty E. Sandberg	W9STR	07/28/1918 #3458 SK:04/10/98		WN9STR-1955 From Lee Knirko, W9MOL
Carl L. Smith	W0BWJ	07/28/1918 #2335 SK: missing		W0BWJ-1934 From QCWA Jrln Spring 1997 P.35

The Old Old Timers pause with regret and sorrow at the passing of these, our friends and Associates who have become Silent Kevs. Our condolences to their families and personal friends. Date of passing, when shown, is best information available. If errors exist please notify Headquarters to make correction.

Order your own OOTC badge, 1/16" X 2" X 3"
Order with white background and either BLACK or RED logo and lettering. Beveled edge gives either a black or red border. Send this order blank or a copy of it with check or money order to:
OOTC
3191 DARVANY DR.
DALLAS TX 75220-1611



YOUR MEMBERSHIP NUMBER WILL APPEAR BELOW YOUR CALL

CIRCLE THE ONE YOU ARE ORDERING

CHOOSE ONE: WHITE WITH BLACK LETTERING

WHITE WITH RED LETTERING

WHITE WITH BLACK LETTERING WILL BE SENT UNLESS YOU CHOOSE

CHOOSE ONE: BADGE WITH LOCKING SAFETY PIN BACK - \$7.00

BADGE WITH PLASTIC POCKET CLIP - - - - - \$9.00

BADGE WITH BOLO CLIP AND TIE- - - - - \$9.50

BLACK TIE WILL BE SENT UNLESS YOU CIRCLE COLOR BELOW

TIE COLOR - BLACK RED BLUE BROWN

Print your call letters:

Print how you want the NAME line to appear:

Print your CITY & STATE (or you may have other info such as "50 YEARS")



OLD OLD TIMERS CLUB

3191 DARVANY DR. DALLAS, TX 75220-1611
PH: 214-352-4743
E-MAIL: OOTC@JUNO.COM

MEMBERSHIP APPLICATION FORM NATIONAL & INTERNATIONAL EFFECTIVE JULY 1, 1994

Mem# _____

Joined _____

Exdate _____

AmtRecd _____

Check No. _____

Ledger _____

Name _____

Call _____

Class _____

Address _____

Number & Street

City

State/Province

Code

Country

Date of 1st 2-way wireless communication _____

Nickname/Handle _____

Nature of first contact: Amateur _____

Commercial _____

Military _____

Amateur Call First Used _____

Date of First amateur License _____

Date of Birth _____

Month

Day

Year

Birthplace _____

SCHEDULE OF MEMBERSHIP FEES

OOTC New member Enrollment Fee, includes pin	\$5.00
OOTC Annual Dues (All members)-----	\$10.00 *

INITIAL MINIMUM ENROLLMENT.	TOTAL	\$15.00
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Annual dues are welcomed in any multiple of \$10. All funds payable at a U.S. Bank
INTERNATIONAL MEMBERS: Please remit with 1) American Express money order or,
Check drawn on a U.S. Bank, if a branch of a U.S. bank accessible, or 3) other bank
check and add \$10. collection fee which is charged by bank here or 4) U.S. Currency.

ELIGIBILITY REQUIREMENTS

One must have had two-way wireless communication at least 40 years previous to filing
an OOTC membership application. OOTC recognizes your first two-way communication
whether through amateur, commercial or military operation. Where possible please
provide proof of such operation. Full membership in OOTC requires that you have a
valid amateur station or operator license at the time of application.

OOTC wishes to have extended information about each member, his/her activities and
background. Such information becomes a permanent and important part of your
record as a member of OOTC, making it possible for us to write of your life work
and experiences. We will greatly appreciate a small photograph (2" x 2" is fine.)

If you use this form to apply for OOTC membership, please enclose a separate piece
of paper and include the following:

Other calls and dates. Name of spouse (call?), and number of children.

Military service from _____ to _____. Rank, highlights of your career, background story.

Unless noted, your signature is permission to publish your information in Spark Gap Times.

I heard about OOTC from _____

Your Signature _____

Sponsored by _____

Sponsor's Call _____